S
353.28
Dls
June 1954

Jun1977

STATE DOCUMENTS

SHELVED WITH PERIODICALS

Montana State Library
3 0864 1005 9778 3

MONTANA OIL AND GAS STATISTICAL BULLETIN

Rec'd 8/11/54

X Mawhinney
X Wentworth
Duncan

ORIM

ADMINISTRATORS

JOHN B. FLUGSTAD, Petroleum Engineer

J. R. MARCHI, Attorney

JAMES F. NEELY, Exec. Secretary

COMMISSIONERS

D. E. HAGEMAN, Chairman, 2304 Spruce Street, Billings, Montana

J. H. FRERICH, Vice-Chairman, Box 322, Poplar, Montana

E. L. Anderson, Box 317, Cut Bank, Montana

G. W. YODER, 215 E. Morrill, Sidney, Montana

THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 6 — 2 — JUNE, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1954, averaged 41,624 barrels daily, an increase of 3,347 barrels from the average May production of 38,277 barrels daily.

The nine refineries in the State processed 56,973 barrels of crude oil daily for the month of June, a decrease of 2,366 barrels daily from the 59,339 barrels processed daily during the month of May, 1954.

During June, 35 wells were completed, 18 oil, 4 gas wells and 13 dry holes.

During June, the Commission issued 42 permits to drill new wells, a decrease of 3 from the 45 permits issued during May.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1954

	TOTAL
IN STORAGE JUNE 1ST.	
By Producers	242,685
By Transporters	493,904
By Refiners	416,509
TOTAL STORAGE	1,153,098
PRODUCED DURING MONTH	1,248,721
TOTAL	2,401,819
DISPOSITION:	
Refined in Montana	840,866
Shipped to Other States	445,977
Used for Fuel or Lost	7,451
TOTAL	1,294,294
IN STORAGE JUNE 30TH:	
By Producers	245,735
By Transporters	509,681
By Refiners	352,109
TOTAL STORAGE	1,107,525

WYOMING OIL IMPORTED

IN STORAGE JUNE 1, 1954	186,742
JUNE RECEIPTS, MONTANA REFINERIES	940,201
REFINED	868,328
IN STORAGE JUNE 30, 1954	258,615

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1954

Field	M. C. F.
Bears Den	976
Big Wall	154
Bowdoin	144,404
Bowes	34,248
Box Elder	
Cedar Creek	168,556
Cut Bank (includes Reagan)	1,106,126
Devon	21,129
Dry Creek	96,665
East Poplar	1,528
Hardin	3,918
Keith Block	1,883
Kevin-Sunburst	27,540
Ragged Point	23
Utopia	51,980
West Sumatra	1,013
Whitlash Area	32,309
TOTAL	1,692,452

Total withdrawals for June, 1953, were 1,505,363 M. C. F.

PRODUCERS REPORT
Month of June, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	13	1,231	4,056		3,327		1,960
7	Big Wall	21	2,417	20,400		17,494		5,323
4	Border	8		653		653		
9	Bowes	71	7,225	82,914	80,994			9,145
	Brady							
1	Cabin Creek	3	1,343	14,681		13,188	905	1,931
29	Cat Creek	90	5,991	14,765	15,438			5,318
	Clark's Fork		84					84
320	Cut Bank	1,130	118,780	236,693	243,179		15	112,279
3	Deer Creek	7	2,822	19,578	19,016			3,384
1	Devils Basin	1	151	76		90	7	130
5	Dry Creek	12	1,249	13,921	13,911			1,259
20	Elk Basin	58	5,884	149,223	148,594		962	5,551
2	Frannie	2	490	1,200	1,132			558
2	Gage	3	1,236	339	137			1,438
5	Glendive	13	8,073	61,429	63,157			6,345
	Golden Dome		587					587
1	Hardin Area	3	1,891	2,259		1,908	8	2,234
1	Ivanhoe Dome	2	365	1,752		1,747		370
215	Kevin-Sunburst	1,503	16,281	102,452	102,605		184	15,944
	Jack Creek							
1	Lake Basin	1	803	112				915
1	Little Beaver	3	1,115	4,649		4,985		779
3	Melstone	6	3,023	9,934		10,869		2,088
2	Mosser	5		1,092		1,092		
7	Pine Unit Area	9	3,831	32,299		30,605	718	4,807
76	Pondera	314	8,578	57,338	58,341			7,575
37	Poplar Area	44	17,212	295,127	270,256	20,145	88	21,850
2	Ragged Point	3	1,126	1,874		1,644		1,356
	Rattlesnake Butte		739					739
2	Reagan	33	3,658	20,353	20,818			3,193
6	Richey	11	6,241	9,968		11,126		5,083
1	Sidney Area	2	1,501	7,088	5,580			3,009
	Sand Creek		227					227
2	Southwest Richey	3	733	6,390		5,492		1,631
3	Soap Creek	4	2,863	1,280		1,883	2	2,258
11	Sumatra	35	10,830	57,210		55,879	137	12,024
4	Sweet Grass Hills	4	454	501		654		301
8	Whitlash	20	2,168	15,951	15,139			2,980
	Wolf Creek		51					51
2	Woodrow	2	1,077	294	689			682
1	Yellowstone	1	355	870		876	2	347
795		3,440	242,685	1,248,721	1,058,986	183,657	3,028	245,735

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
First Quarter, 1954	3,165,882	35,176	3,139,622	34,885
April, 1954	1,101,200	36,707	1,091,603	36,367
May, 1954	1,186,587	38,277	1,178,497	38,016
June, 1954	1,248,721	41,624	1,242,643	41,421

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
January 31, 1954	274,029	376,445	614,749	1,265,223
February 28, 1954	242,483	374,995	635,829	1,253,307
March 31, 1954	235,678	469,637	620,698	1,326,013
April 30, 1954	237,600	500,078	745,864	1,483,542
May 31, 1954	242,685	493,904	603,251	1,339,840
June 30, 1954	245,735	509,681	610,724	1,366,140

*Includes Wyoming Oil.

TRANSPORTERS REPORT

Month of June, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO		Connecting Carriers	Storage End of Month
		From Producers and Connecting Pipeline	Truck	Carrier		Montana	Other States		
ASH CREEK									
Trucks			3,327				3,327		
BIG WALL									
Trucks	1,997		17,494			13,773	3,721		1,997
BORDER									
Trucks			653			653			
BOWES									
Northern Pump	4,130	23,329			10		26,458		991
The Texas Company		57,665					57,665		
	4,130	80,994			10		84,123		991
CABIN CREEK									
Shell Oil Co.			13,188				13,188		
CAT CREEK									
Continental Pipe Line Co.	4,269	10,892			104	11,013			4,044
Wm. Hanlon		4,546				4,546			
	4,269	15,438			104	15,559			4,044
CUT BANK									
Darling Gather. Sys.	3,590	42,643			(696)	44,378			2,551
Phillips Pet. Co.	124,252	56,075			634	33,694		28,342	117,657
Texas Pipe Line Co.	97,141	43,191		47,208	149	67,048		17,811	102,532
Toronto Pipe Line Co.	32,274	62,765			399			56,446	38,194
Union Oil Co.	88,983	35,879		55,391	817	101,416			78,020
	346,240	240,553		102,599	1,303	246,536		102,599	338,954
DEVILS BASIN									
Trucks			90			90			
DRY CREEK									
Ohio Oil Co.	7,468	13,911			(128)	10,536			10,971
ELK BASIN									
Ohio Oil Co.		148,594				90,178	58,416		
FRANNIE									
Ohio Oil Co.		1,132					1,132		
GAGE									
Northern Pump Co.	874	137							1,011
GLENDIVE AREA									
The Texas Co.	5,744	82,777			(857)	60,651	17,926		10,801
HARDIN AREA									
Trucks			1,908				1,908		
IVANHOE DOME									
Trucks			1,747			1,747			
KEVIN-SUNBURST									
Big West Oil Co.	3,134	42,388				42,199			3,323
Homestake Oil & Gas	1,630	2,778				2,342			2,066
Texas Pipe Line Co.	28,560	55,755		1,270	(10)	57,083			28,512
Anna Aronow	125	1,528						1,270	383
	33,449	102,449		1,270	(10)	101,624		1,270	34,284
LITTLE BEAVER									
Shell Oil Co.			4,985				4,985		
MELSTONE									
Trucks	1,902		10,869		(191)	12,962			
MOSSER									
Trucks			1,092			1,092			
PINE UNIT AREA									
Shell Oil Co.			30,605				30,605		
PONDERA									
Phillips Pet. Co.	74,752	58,263			(1,135)	34,530			99,620
POPLAR AREA									
East Poplar G. Sys.	6,955	270,256			75	82,025	193,676		1,435
Plastic Service Lines, Inc.	1,200								1,200
Trucks			20,145			10,551	9,594		
	8,155	270,256	20,145		75	92,576	203,270		2,635
RAGGED POINT									
The Texas Co.			1,644			1,644			
REAGAN									
Union Oil Co.		20,818				20,818			
RICHEY AREA									
Shell Oil Co. & Trucks			11,126			705	10,421		
SIDNEY AREA									
Sun Oil Co.		5,580					5,580		
SOAP CREEK									
Trucks			1,883				1,883		
SOUTHWEST RICHEY									
Shell Oil Co.			5,492				5,492		
SUMATRA AREA									
Trucks	2,939		55,879			55,879			2,939
SWEET GRASS HILLS									
Trucks & Pipeline	1,985	15,775	654			16,980			1,434
YELLOWSTONE									
Trucks			876			876			
GRAND TOTAL	493,904	1,056,677	183,657	103,869	(829)	779,409	445,977	103,869	509,681

REFINERS REPORT BY FIELDS

Month of June, 1954

	Location of Plant in Montana	Storage First of Month	Oil Received	Oil Used or Lost	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Exc. Inc.	Laurel	1,818	13,334		14,162	990
BORDER						
The Texas Company	Sunburst	1,983	654		1,935	702
CAT CREEK						
Continental Oil Co.	Billings		10,349		10,349	
Jet Fuel Refinery	Mosby	428	4,741		4,737	432
		428	15,090		15,086	432
CUT BANK						
Big West Oil Co.	Kevin		15,156		15,156	
Phillips Petroleum Co.	Great Falls		33,683		33,683	
The Texas Company	Sunburst	133,923	96,270		76,023	154,170
Union Oil Company	Cut Bank	12,578	101,416	637	99,594	13,763
		146,501	246,525	637	224,456	167,933
DEVILS BASIN						
Farmers Union Cent. Exc., Inc.	Laurel		90		90	
DRY CREEK						
Farmers Union Cent. Exc., Inc.	Laurel	1,928	10,536		9,749	2,715
ELK BASIN						
Carter Oil Co.	Billings		71,780		71,780	
Continental Oil Co.	Billings		18,398		18,398	
			90,178		90,178	
GLENDIVE						
Farmers Union Cent. Exc., Inc.	Laurel	14,321	60,651		64,967	10,005
IVANHOE DOME						
Farmers Union Cent. Exc., Inc.	Laurel		1,802		1,802	
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	24,439	42,192	744	41,472	24,415
The Texas Company	Sunburst	129,916	59,426		113,409	75,933
		154,355	101,618	744	154,881	100,348
MELSTONE						
Farmers Union Cent. Exc., Inc.	Laurel	1,489	12,962		13,738	713
MOSSER						
Farmers Union Cent. Exc., Inc.	Laurel		1,092		1,092	
PONDERA						
Phillips Petroleum Co.	Great Falls	10,575	34,511		35,159	9,927
POPLAR						
Carter Oil Co.	Billings	57,345	73,350		101,513	29,182
Jet Fuel Refinery	Mosby	1,877	8,403	610	7,624	2,046
Modern Oil Co.	Shelby	592	10,823		9,828	1,587
		59,814	92,576	610	118,965	32,815
RAGGED POINT						
Farmers Union Cent. Exc., Inc.	Laurel		1,643		1,643	
REAGAN						
Union Oil Company	Cut Bank		20,818		20,818	
RICHEY						
Jet Fuel Refinery	Mosby		705			705
SUMATRA						
Farmers Union Cent. Exc., Inc.	Laurel	10,316	55,879		62,998	3,197
SWEET GRASS HILLS						
Big West Oil Co.	Kevin		589		589	
The Texas Co.	Sunburst	12,981	16,327		7,681	21,627
		12,981	16,916		8,270	21,627
YELLOWSTONE						
Farmers Union	Laurel		877		877	
TOTAL MONTANA OIL		416,509	778,457	1,991	840,866	352,109
OIL FROM WYOMING						
Carter Oil Co.	Billings	35,786	473,093		443,954	64,925
Continental Oil Co.	Billings	120,746	215,887		191,118	145,515
Farmers Union Cent. Exc., Inc.	Laurel	30,210	251,221		233,256	48,175
		186,742	940,201		868,328	258,615
TOTAL MONTANA AND WYOMING OIL		603,251	1,718,658	1,991	1,709,194	610,724

	Average Barrels Per Day			Percentage of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year 1953	20,540	33,183	53,723	38.2%	61.8%
June 1953	22,967	38,141	61,108	37.6%	62.4%
June 1954	28,029	28,944	56,973	49.2%	50.8%